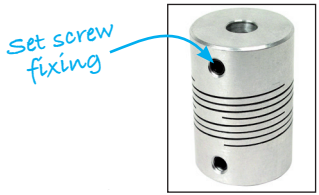
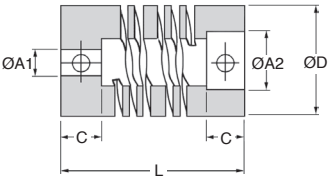
BS2

Couplings for servo-motors
Torque: 0.2 to 40Nm

- ***Multidirectional flexibility***
- *High precision*
- *High torsional rigidity*
- *Single piece construction*
- *Backlash free*
- *6 beams (except BS21 which has 3)*
- *Working temp -40°C to +120°C*
- *Max. speed: 5,000 rpm*
- *Material:*
  Aluminium 6082
- ***Pre-bore is not toleranced***





Applications

- *Encoders, optical systems*
- *Automated systems, step motors*
- *Continuous or intermittent use*

Assembly

- *Dimension "C" must not be exceeded*

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-6%	On request

Part number	ØD	L	C	Set screw	Misalignment Radial (mm)	Misalignment Angular	Torsional rigidity (Nm/Rad)	Max. torque (Nm) shock and reversing	Max. torque (Nm) non reversing	Max. torque (Nm) peak torque
BS21	6,4	12,7	3,2	M2	0,07	3°	1,53	0,20	0,26	0,4
BS22	9,5	19,6	5,3	M2,5	0,12	3°	1,8	0,50	0,66	1,0
BS23	12,7	22,9	6,5	M3	0,17	5°	14	1,00	1,33	2,0
BS24	19,1	26,5	6,5	M4	0,25	7°	46	2,65	3,53	5,3
BS25	25,4	38,1	11,0	M5	0,38	7°	108	5,00	6,66	10,0
BS266	31,8	57,2	16,0	M6	0,50	7°	225	7,50	10,00	15,0
BS27	38,1	66,7	18,0	M6	0,60	7°	315	11,00	14,66	22,0
BS29	50,8	95,3	25,0	M8	0,90	7°	666	20,00	26,66	40,0

Part number	ØA1 x ØA2 Pre-bores	ØA1 x ØA2 Min.	ØA1 x ØA2 Max.	ØA1 x ØA2 Standard Bores (H8)	Stock* Std bores and pre-bores	Price each 1 to 4 Std bores and pre-bores	Price each 1 to 4 Modified bore
BS21	1,5 x 2,0	1 x 2	3 x 3	-	✔	32,44 €	38,94 €
BS22	2,0 x 2,8	2 x 4	4,76 x 4,76	3, 18 x 4	-	35,77 €	42,95 €
BS23	2,5 x 4,5	3 x 5	6,35 x 6,35	6 x 6	✔	39,02 €	46,83 €
BS24	2,5 x 5,8	4,76 x 6,35	10 x 10	5 x 6 6 x 6 10 x 10	✔	48,63 €	58,37 €
BS25	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6	✔	54,11 €	64,92 €
BS266	6,0 x 10,0	8 x 9,53	16 x 16	-	✔	70,94 €	85,14 €
BS27	8,0 x 12,0	8 x 12	22 x 22	-	✔	90,90 €	109,09 €
BS29	10,0 x 16,0	10 x 16	28 x 28	-	-	On request	On request

**Depending on availability - Dimensions in mm*

Couplings for servo-motors
Torque: 0.22 to 73Nm

BS3

- **Multidirectional flexibility**
- High precision
- High torsional rigidity
- Single piece construction
- Backlash free
- 6 beams (except BS21 which has 3)
- Working temp -40°C to +120°C
- Max. speed: 5,000 rpm
- Material:
  Stainless steel 303
- **Pre-bore is not toleranced**

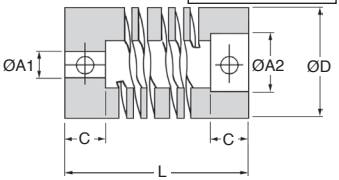


Applications

- Encoders, optical systems
- Automated systems, step motors
- Continuous or intermittent use

Assembly

- Dimension "C" must not be exceeded



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	ØD	L	C	Set screw	Misalignment Radial (mm)	Misalignment Angular	Torsional rigidity (Nm/Rad)	shock and reversing	non reversing	peak torque
BS31	6,4	12,7	3,2	M2	0,07	3°	1,53	0,22	0,30	0,45
BS32	9,5	19,6	5,3	M2,5	0,12	3°	5,4	0,75	1,00	1,50
BS33	12,7	25,4	6,5	M3	0,17	5°	25	1,50	2,00	3,00
BS34	19,1	28,0	6,5	M4	0,25	7°	72	4,00	5,33	8,00
BS35	25,4	38,1	11,0	M5	0,38	7°	170	8,00	10,66	16,00
BS36	31,8	57,2	16,0	M6	0,50	7°	364	12,50	16,66	25,00
BS37	38,1	66,7	18,0	M6	0,60	7°	634	18,00	22,50	36,00
BS39	50,8	95,3	25,0	M8	0,90	7°	1305	36,50	48,66	73,00

Part number	ØA1 x ØA2 Pre-bores	ØA1 x ØA2 Min.	ØA1 x ØA2 Max.	ØA1 x ØA2 Standard Bores (H8)	Stock* Std bores and pre-bores	Price each Std bores and pre-bores	Price each Modified bore
BS31	1,5 x 2,0	1 x 2	3 x 3	-	-	56,36 €	67,63 €
BS32	2,0 x 2,8	2 x 4	4,76 x 4,76	-	✔	54,54 €	65,45 €
BS33	2,5 x 4,5	3 x 5	6,35 x 6,35	6,35 x 6,35 4 x 4	✔	61,49 €	73,79 €
BS34	2,5 x 5,8	4,76 x 6,35	10 x 10	10 x 10 5 x 9,53	✔	70,47 €	84,57 €
BS35	3,5 x 7,5	5 x 8	12,70 x 12,70	8 x 8	✔	105,28 €	126,33 €
BS36	6,0 x 10,0	8 x 10	19 x 19	-	✔	170,91 €	196,16 €
BS37	8,0 x 12,0	8 x 12	22 x 22	-	✔	209,78 €	251,73 €
BS39	10,0 x 16,0	10 x 16	28 x 28	-	-	On request	On request

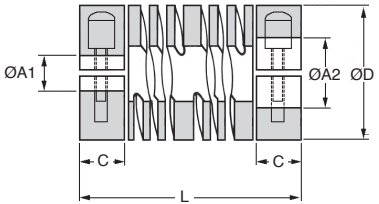
*Depending on availability - Dimensions in mm

BC2 HUCO

Couplings for servo-motors
Torque: 0.5 to 40Nm

- ***Multidirectional flexibility***
- *High precision*
- *High torsional rigidity*
- *Single piece construction*
- *Backlash free*
- *6 beams (except BS21 which has 3)*
- *Working temp -40°C to +120°C*
- *Max. speed: 5,000 rpm*
- *Material:*
  Aluminium 6082
- ***Pre-bore is not toleranced***





Applications

- *Encoders, optical systems*
- *Automated systems, step motors*
- *Continuous or intermittent use*

Assembly

- *Dimension "C" must not be exceeded*

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-6%	On request

Part number	ØD	L	C	Set screw	Misalignment radial (mm)	Misalignment Angular	Torsional rigidity (Nm/Rad)	Max. torque (Nm) shock and reversing	Max. torque (Nm) no reversing	Max. torque (Nm) peak uniforme
BC22	9,5	19,6	5,3	M1,6	0,12	3°	1,8	0,5	0,66	1,0
BC23	12,7	22,9	6,5	M2	0,17	5°	14	1,0	1,33	2,0
BC24	19,1	26,5	6,5	M2,5	0,25	7°	46	2,6	3,53	5,3
BC25	25,4	38,1	11,0	M3	0,38	7°	108	5,0	6,66	10,0
BC26	31,8	57,2	16,0	M4	0,50	7°	225	7,5	10,00	15,0
BC27	38,1	66,7	18,0	M5	0,60	7°	315	11,0	14,66	22,0
BC29	50,8	95,3	25,0	M6	0,90	7°	666	20,0	26,66	40,0

Part number	ØA1 x ØA2 Pre-bores	ØA1 x ØA2 min.	ØA1 x ØA2 max.	ØA1 x ØA2 Standard Bores (H8)	Stock* Std. bores and pre-bores	Price each 1 to 4 Std. bores and pre-bores	Price each 1 to 4 Modified bore
BC22	2,0 x 2,8	2 x 4	4,76 x 4,76	3 x 3	✔	52,39 €	62,86 €
BC23	2,5 x 4,5	3 x 5	6,35 x 6,35	3,18 x 4 6 x 6	✔	56,03 €	67,26 €
BC24	2,5 x 5,8	4,76 x 6,35	10 x 10	5 x 6 6 x 10 8 x 8	✔	62,14 €	74,56 €
BC25	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6 8 x 12 10 x 10 10 x 12 12 x 12	✔	69,46 €	83,37 €
BC26	6,0 x 10,0	8 x 9,53	16 x 16	10 x 14	✔	120,48 €	144,56 €
BC27	8,0 x 12,0	8 x 12	19 x 19	-	✔	138,14 €	165,78 €
BC29	10,0 x 16,0	10 x 16	26 x 26	-	-	On request	On request

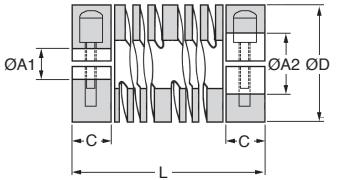
**Depending on availability - Dimensions in mm*

Couplings for servo-motors HUCO BC3

Torque: 0.75 to 73Nm

- ***Multidirectional flexibility***
- *High precision*
- *High torsional rigidity*
- *Single piece construction*
- *Backlash free*
- *6 beams (except BS21 which has 3)*
- *Working temp -40°C to +120°C*
- *Max. speed: 5000 rpm*
- *Material:*
  Stainless steel 303
- ***Pre-bore is not toleranced***





Applications

- *Encoders, optical systems*
- *Automated systems, step motors*
- *Continuous or intermittent use*

Assembly

- *Dimension "C" must not be exceeded*

DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	ØD	L	C	Vis	Misalignment radial (mm)	Misalignment Angular	Torsional rigidity (Nm/Rad)	Max. torque (Nm) shock and reversing	Max. torque (Nm) no reversing	Max. torque (Nm) peak torque
BC32	9,5	19,6	5,3	M1,6	0,12	3°	5,4	0,75	1,00	1,5
BC33	12,7	25,4	6,5	M2	0,17	5°	25	1,50	2,00	3,0
BC34	19,1	28,0	6,5	M2,5	0,25	7°	72	4,00	5,33	8,0
BC35	25,4	38,1	11,0	M3	0,38	7°	170	8,00	10,66	16,0
BC36	31,8	57,2	16,0	M4	0,50	7°	364	12,50	16,66	25,0
BC37	38,1	66,7	18,0	M5	0,60	7°	634	18,00	24,00	36,0
BC39	50,8	95,3	25,0	M6	0,90	7°	1305	36,50	48,66	73,0

Part number	ØA1 x ØA2 Pre-bores	ØA1 x ØA2 min.	ØA1 x ØA2 max.	ØA1 x ØA2 Standard Bores (H8)	Stock* Std. bores and pre-bores	Price each Std. bores and pre-bores	Price each Modified bore
BC32	2,0 x 2,8	2 x 4	4,76 x 4,76	-	-	77,71 €	93,25 €
BC33	2,5 x 4,5	3 x 5	6,35 x 6,35	6 x 6 6,35 x 6,35	✔	79,37 €	95,23 €
BC34	2,5 x 5,8	4,76 x 6,35	10 x 10	6 x 6	✔	102,18 €	122,61 €
BC35	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6	✔	140,96 €	169,14 €
BC36	6,0 x 10,0	8 x 10	16 x 16	-	✔	185,85 €	223,04 €
BC37	8,0 x 12,0	8 x 12	19 x 19	-	✔	247,88 €	297,47 €
BC39	10,0 x 16,0	10 x 16	26 x 26	-	-	On request	On request

**Depending on availability - Dimensions in mm*

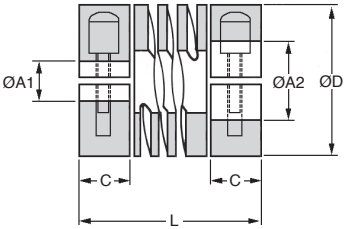
DBC

Couplings for servo-motors

Torque: 0.45 to 6Nm

- ***Multidirectional flexibility***
- *High precision*
- ***Space saving***
- *Good torsional ridigity*
- *Single piece construction*
- *Backlash free*
- *For use in restricted spaces*
- *3 beams*
- *Working temperature: -40°C to +120°C*
- *Max. speed: 5,000 rpm*
- *Material:*
  Aluminium 6082
- ***Pre-bore is not toleranced***





Applications

- *Encoders, optical systems*
- *Automated systems, step motors*

Assembly

- *Dimension "C" must not be exceeded*

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-6%	On request

Part number	ØD	L	C	Vis	Max torque (Nm) radial (mm)	angular	Torsional rigidity (Nm/rad)	Shock and reversing	non reversing	Peack torque
DBC3	12,7	19,1	6,0	M2	0,127	5°	28	0,45	0,60	0,9
DBC3.5	15,9	20,3	6,5	M2,5	0,127	5°	38	0,75	1,00	1,5
DBC4	19,1	22,9	6,5	M2,5	0,127	5°	65	1,25	1,66	2,5
DBC5	25,4	31,8	9,0	M3	0,127	5°	121	2,00	2,66	4,0
DBC6	31,8	44,5	12,0	M4	0,127	5°	238	3,00	4,00	8,0

Part number	ØA1 x ØA2 Pre-bores	ØA1 x ØA2 Min.	ØA1 x ØA2 Max.	ØA1 x ØA2 Standard Bores (H8)	Stock* Std. bores and pre-bores	Price each 1 to 4 Std. bores and pre-bores	Modified bore
DBC3	2,5 x 3,95	3 x 4	5 x 5	-	✔	58,17 €	69,81 €
DBC3.5	2,5 x 3,95	3 x 4	6,35 x 6,35	5 x 5	-	58,17 €	69,81 €
DBC4	2,5 x 5,8	4 x 4,76	8 x 8	6 x 6	✔	61,91 €	74,30 €
DBC5	3,8 x 5,95	5 x 6	10 x 10	10 x 10	✔	70,08 €	84,10 €
DBC6	5,1 x 9,2	6 x 8	14 x 14	-	✔	105,48 €	126,59 €

**Depending on availability - Dimensions in mm*

Couplings for servo-motors
Torque: 0,5 to 10Nm

B3PAN

- ***Multidirectional flexibility***
- *High precision*
- ***Space saving***
- *Good torsional ridigity*
- *Single piece construction*
- *Backlash free*
- *For use in restricted spaces*
- *3 beams*
- *Working temperature: -40°C to +140°C*
- *Max. speed: 5,000 rpm*
- *Material:*
  Stainless steel 303
- ***Pre-bore is not toleranced***

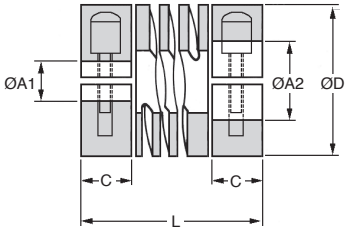


Applications

- *Encoders, optical systems*
- *Automated systems, step motors*

Assembly

- *Dimension "C" must not be exceeded*



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	ØD	L	C	Set screw	Misalignment radial (mm)	Misalignment angular	Torsional rigidity (Nm/rad)	Max. torque (Nm) shock and reversing	Max. torque (Nm) non reversing	Max. torque (Nm) Peak torque
B3PAN4C	12,7	19,1	6,0	M2	0,127	5°	54	0,50	0,66	1,0
B3PAN5C	15,9	20,3	6,5	M2,5	0,127	5°	81	0,90	1,20	1,8
B3PAN6C	19,1	22,9	6,5	M2,5	0,127	5°	143	1,35	1,80	2,7
B3PAN7C	25,4	31,8	9,0	M3	0,127	5°	175	3,00	4,00	6,0
B3PAN8C	31,8	44,5	12,0	M4	0,127	5°	378	5,00	6,66	10,0

Part number	ØA1 x ØA2 Pre-bores	ØA1 x ØA2 Min.	ØA1 x ØA2 Max.	ØA1 x ØA2 Standard Bores (H8)	Stock* Std. bores and pre-bores	Price each Std. bores and pre-bores	Price each Modified bore
B3PAN4C	1,6 x 4,5	3 x 4	5 x 5	4 x 4	-	84,03 €	100,84 €
B3PAN5C	2,5 x 4,8	3 x 4	6,35 x 6,35	5 x 5	✔	87,10 €	104,54 €
B3PAN6C	2,5 x 4,75	4 x 4,76	8 x 8	6 x 6	✔	92,29 €	110,76 €
B3PAN7C	3,5 x 5,95	5 x 6	10 x 10	8 x 8	✔	118,83 €	142,59 €
B3PAN8C	5,1 x 9,2	6 x 8	14 x 14	10 x 10	-	185,86 €	223,05 €

**Depending on availability - Dimensions in mm*